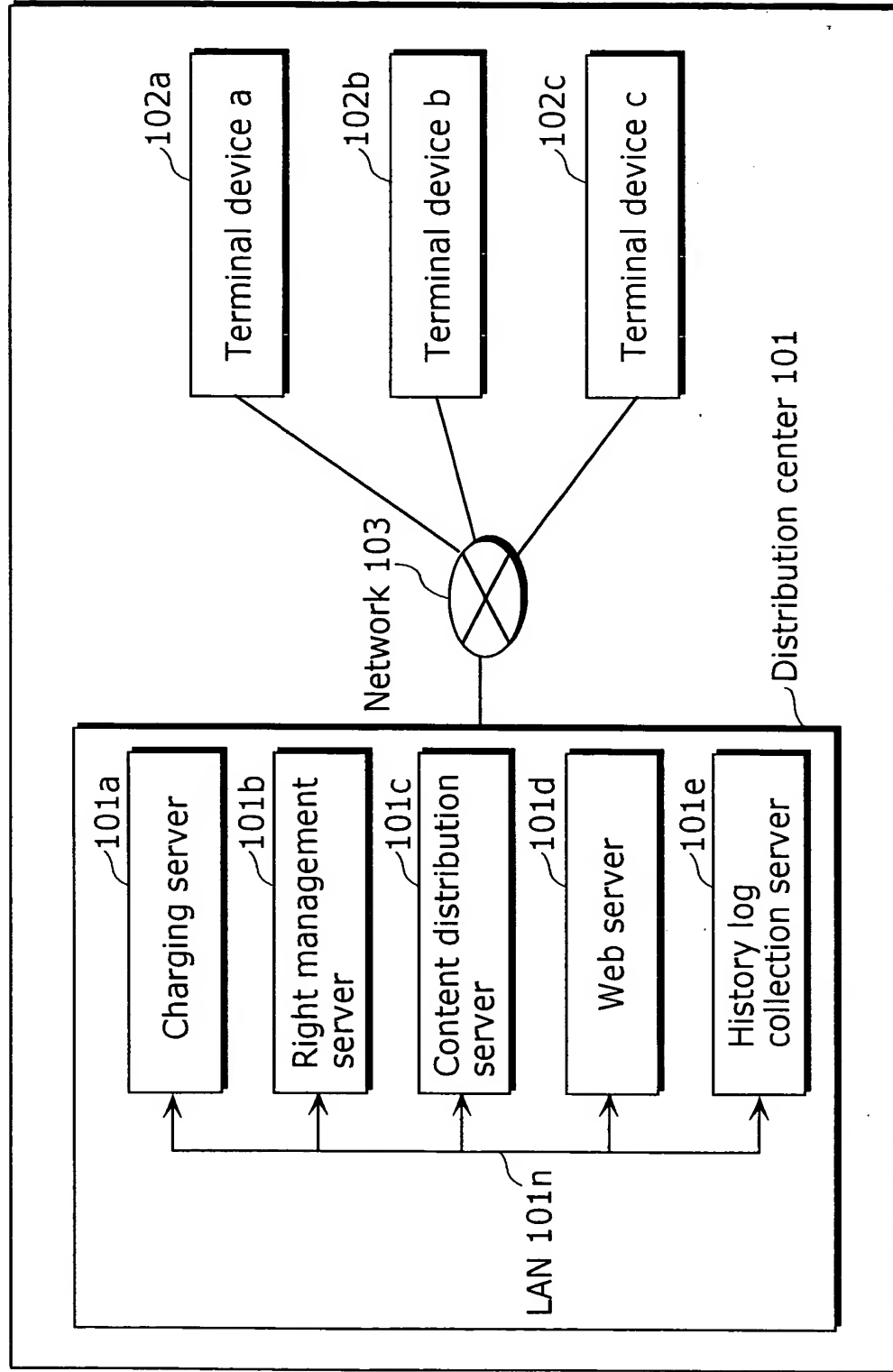


FIG. 1



Content history log collecting system 1

FIG. 2

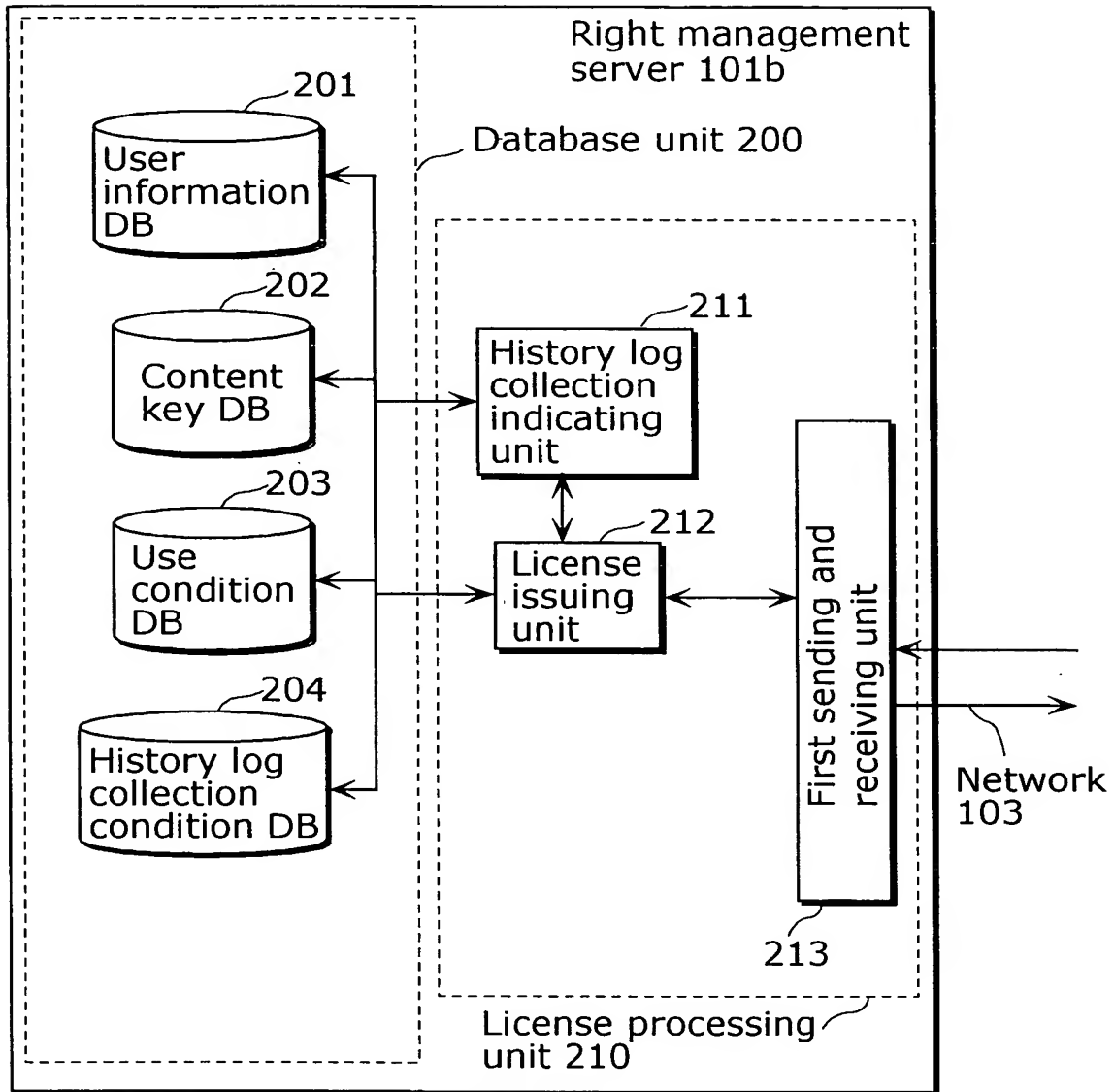


FIG. 3

301 User ID	302 Terminal ID	303 User profile	304 Privacy policy
USER-ID-00001	TERMINAL-ID-00001	Man, 31 years old, ...	Detailed history log collecting OK
USER-ID-00002	TERMINAL-ID-12345 TERMINAL-ID-54321	Woman, 24 years old, ...	History log collecting OK
USER-ID-00003	TERMINAL-ID-77777	Woman, 18 years old, ...	History log collecting OK
USER-ID-00004	TERMINAL-ID-99999	Man, 42 years old, ...	History log collecting NG
...	...	...	...

User information management table 300

FIG. 4

Content ID	Content key
CONTENT-ID-00001	0x1234567890abcdef
CONTENT-ID-00002	0x43195745a4098b4e
CONTENT-ID-00003	0x3970584ad3922247
CONTENT-ID-00004	0x2411197120121974
...	...

Content key management table 400

FIG. 5

User ID	Use condition ID	Content ID	Validated period	Available frequency
USER-ID-00001	URUs-ID-00001	CONTENT-ID-00001	2002/12/31~2003/1/30	$\infty$
USER-ID-00002	URUs-ID-00002	CONTENT-ID-13452	2002/12/1~2002/12/31	5
USER-ID-00002	URUs-ID-10011	CONTENT-ID-99999	$\infty$	1
USER-ID-00003	URUs-ID-24024	CONTENT-ID-02804	2002/11/24~2002/12/20	$\infty$
...	...	...	...	...

Use condition management table 500

FIG. 6

History log collection condition 602

601			603		604		605		606	
Content ID	Target user determination condition	History log record condition	History log description		History log response condition					
CONTENT-ID-00001	At random	For each content	Action, Time		5:00 o'clock everyday					
CONTENT-ID-00002	All user	For each user operation special playback included	Used part		For each user operation					
CONTENT-ID-00003	Privacy policy	For each user operation special playback excluded	Action, Time, Used part		Immediately after using content					
CONTENT-ID-00004	10 or more user rights	For each content	Action, Time		When sending LT					
...	...	...	...		...		...			

History log collection condition management table 600

FIG. 7

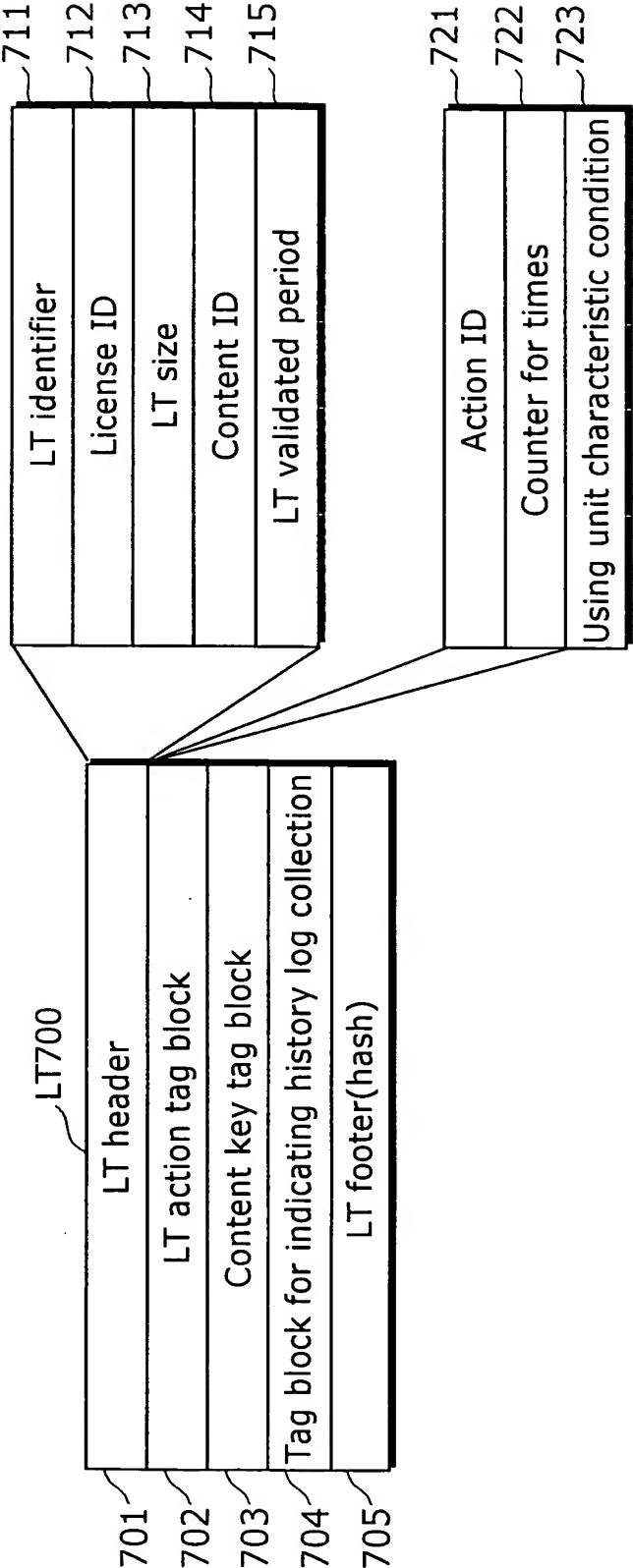
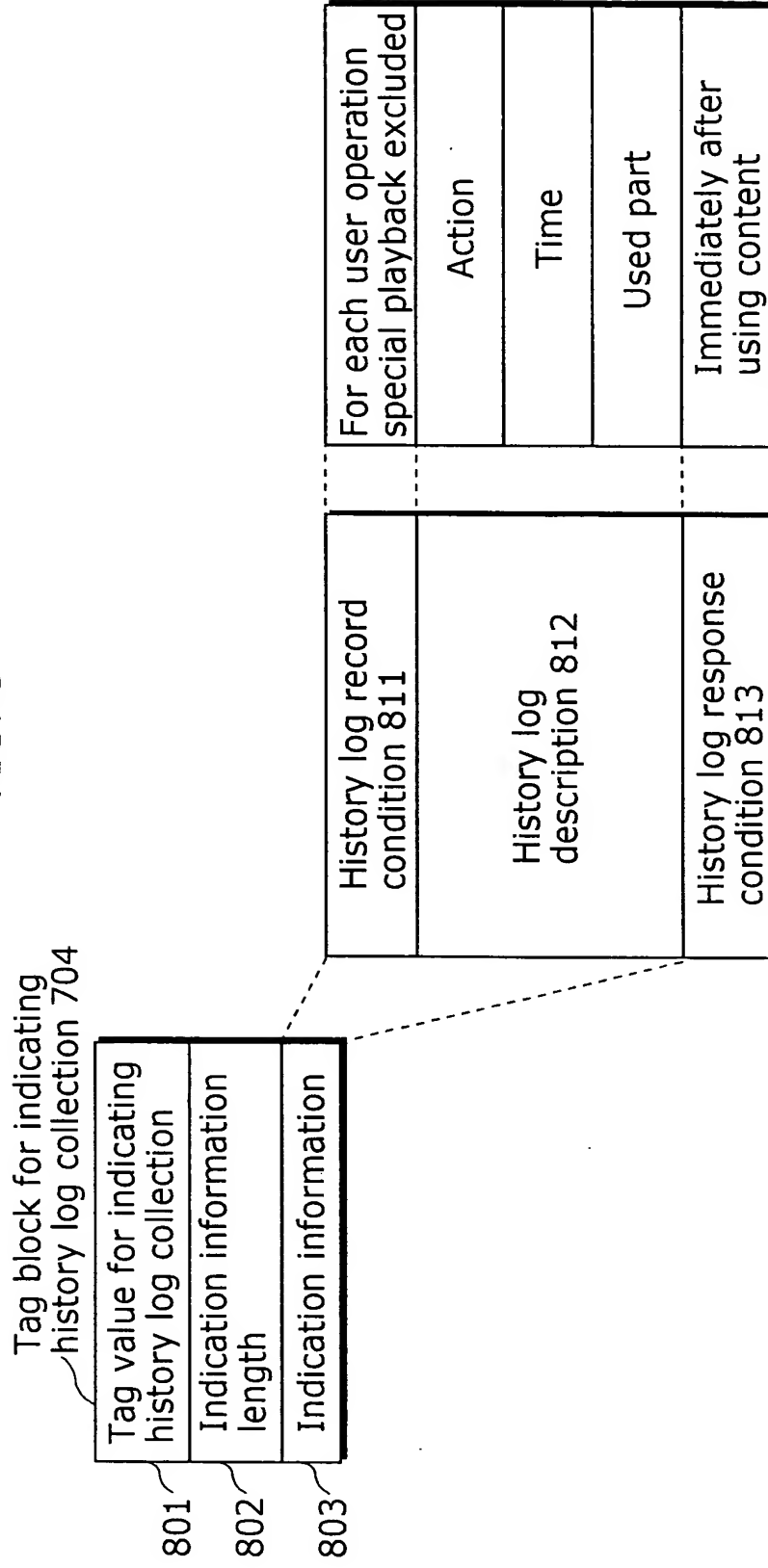


FIG. 8





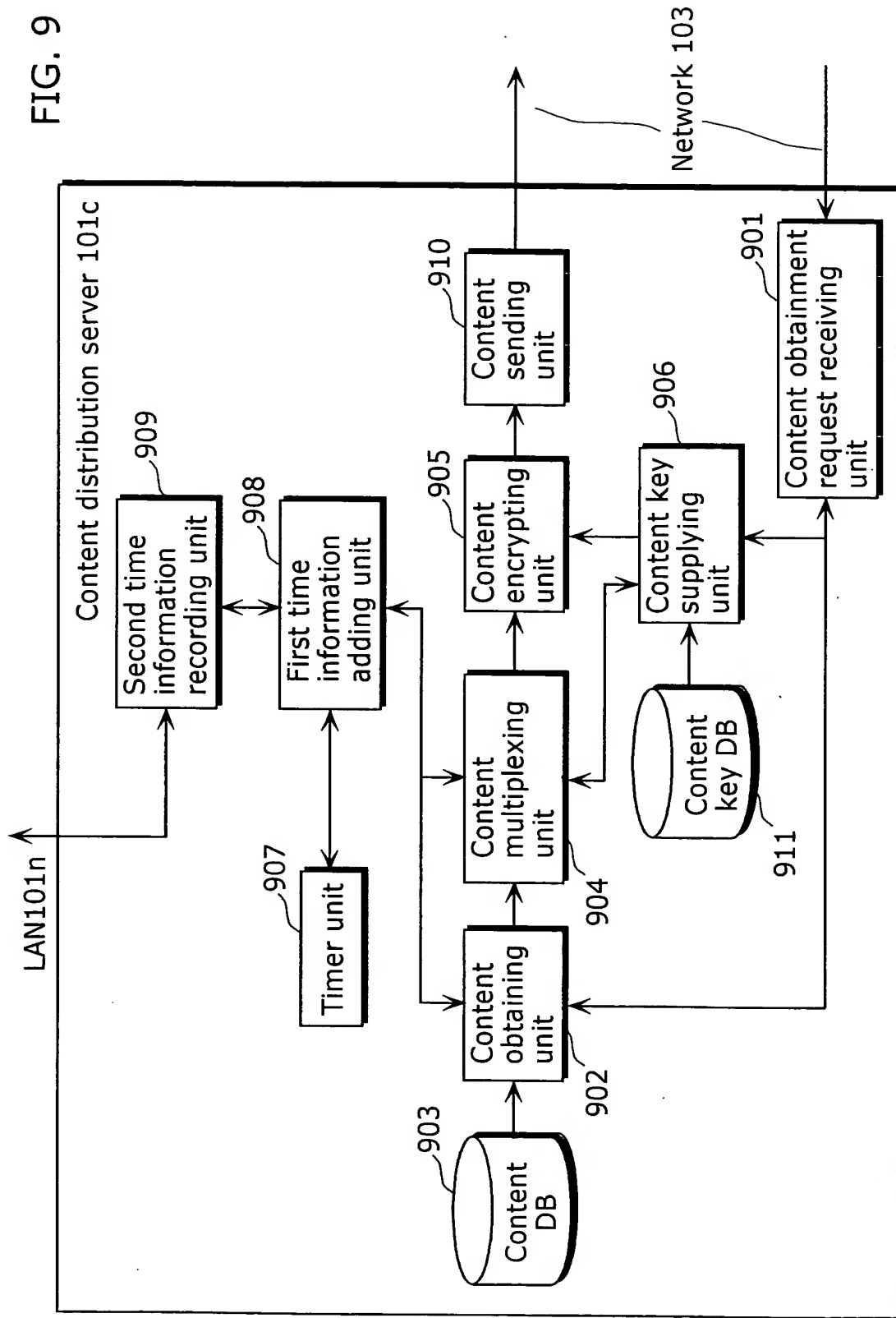


FIG. 10

PES Packet 1000

Packet Start Code Prefix 1010	Stream id 1020	PES Packet Length 1030	Optional PES Header 1040	Stuffing Bytes 1050	PES Packet Data Bytes 1060
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10 1041	...	PES Header Data Length 1042	Optional Fields 1043
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PTS 1043a	DTS 1043b	ESCR 1043c	...	PES Extension 1043d
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5flags 1080	PES Private Data 1081	...	PES Extension Field 1082
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FIG. 11

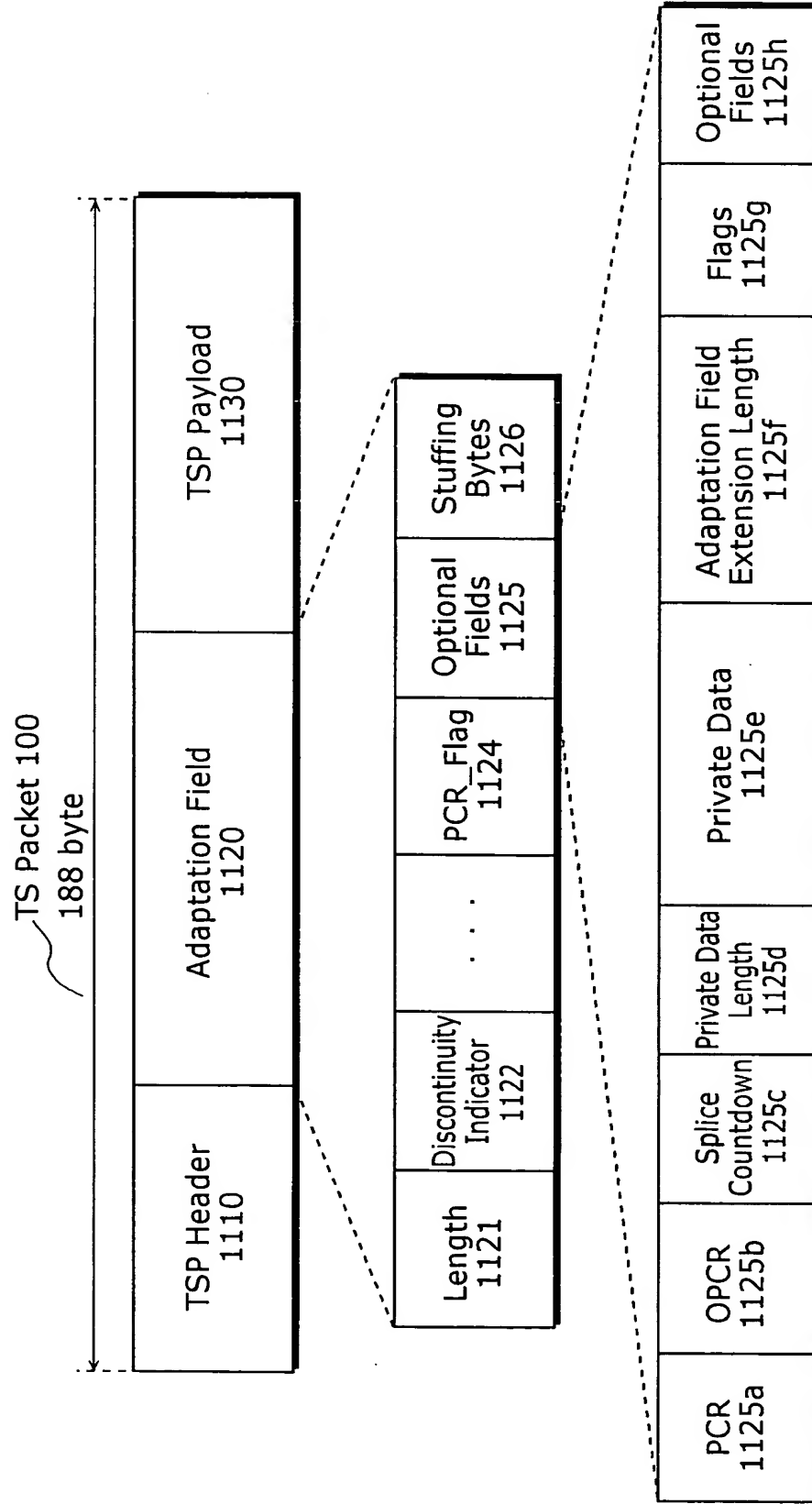


FIG. 12

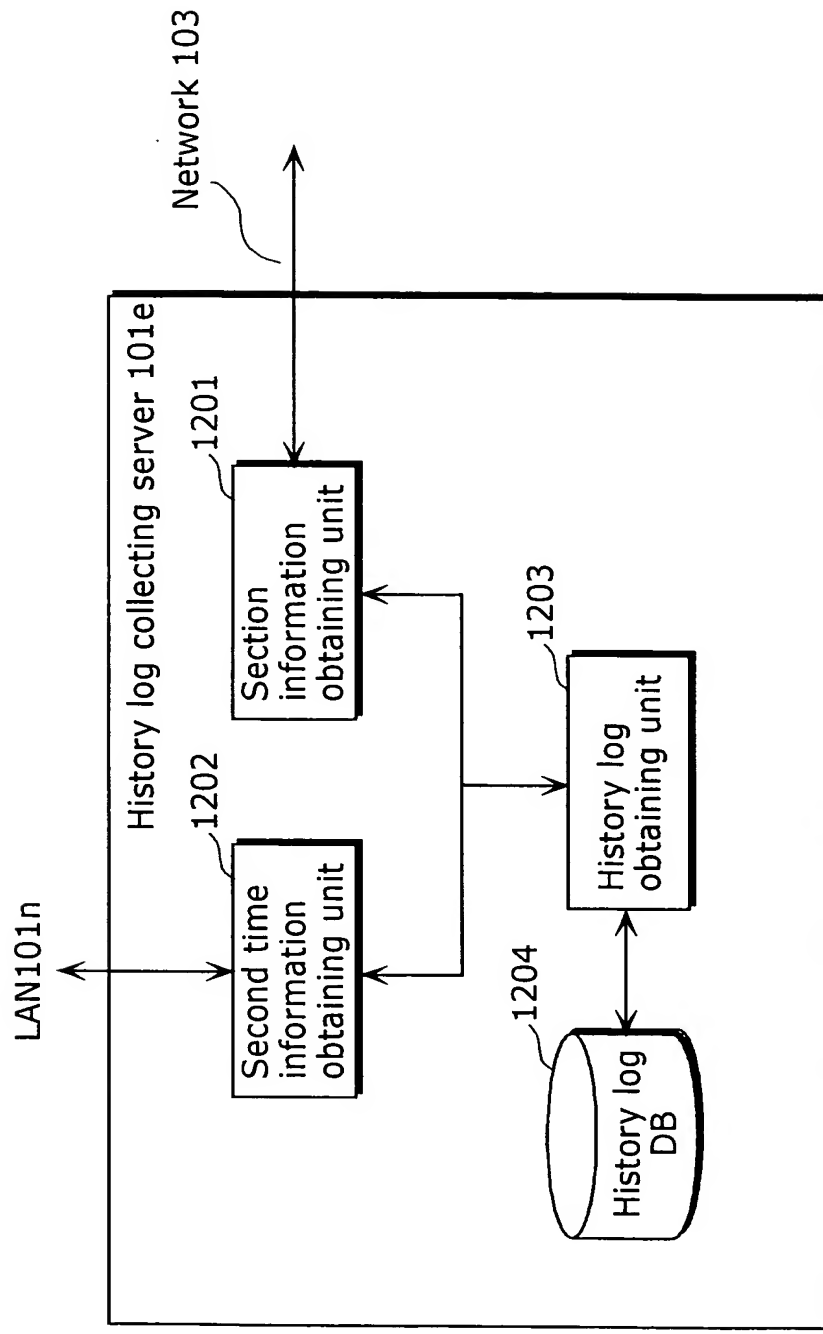


FIG. 13

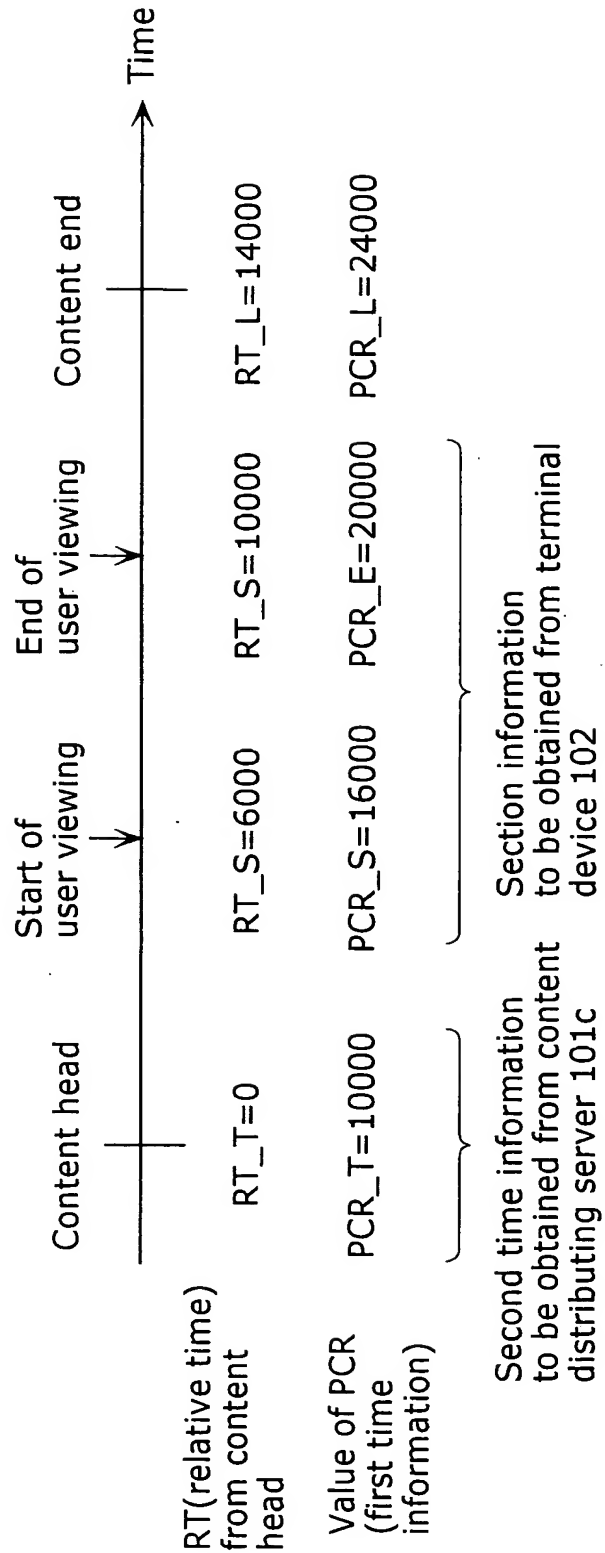


FIG. 14

User ID	Terminal ID	Content ID	License ID	History log
USER-ID-00001	TERMINAL-ID-00001	CONTENT-ID-22222	LICENSE-ID-223606	Play::3970584,3999999 Play::4010000,4545454 ...
USER-ID-00002	TERMINAL-ID-11111	CONTENT-ID-33333	LICENSE-ID-898989	Play 2002/12/31 19:00:00 Play::1349309589,1903434324 Fwd::1903434324, 4903438483 Rwd::4903438483, 4034356092 ...
...	...	...	...	...

History log management table 1400

FIG. 15

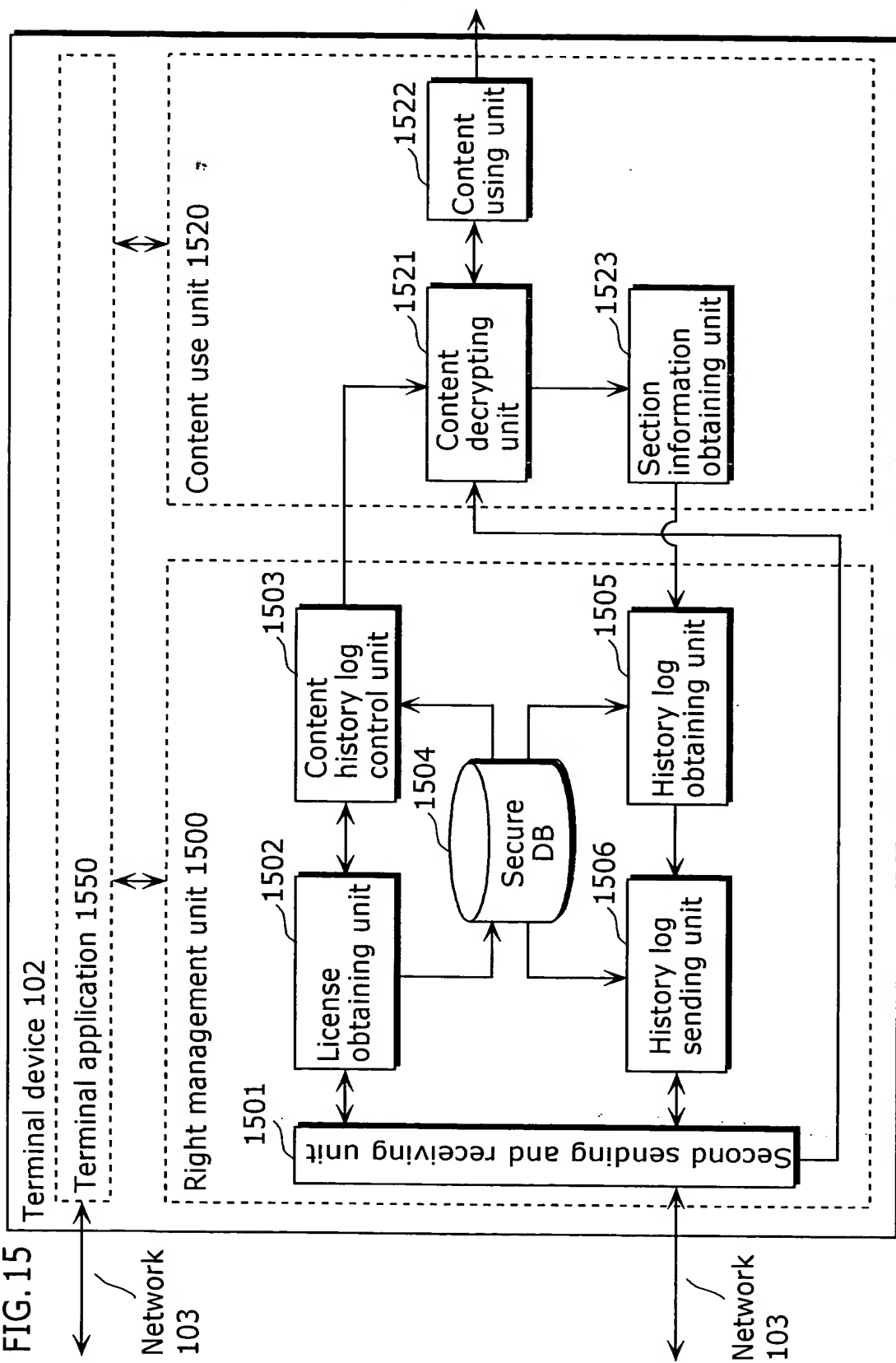


FIG. 16

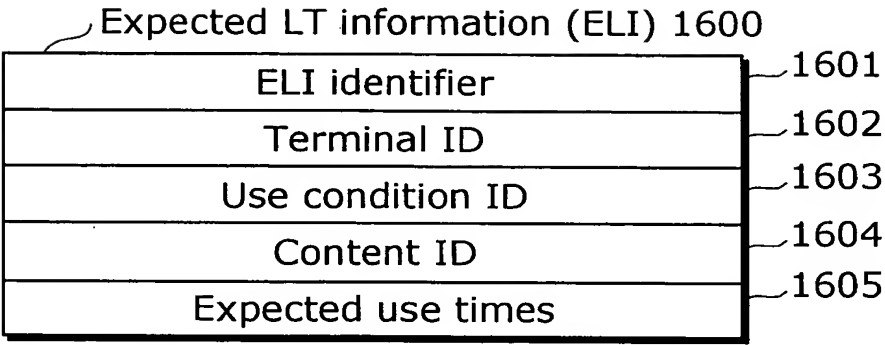




FIG. 17

1701	UL identifier		BBDRM-UL
	UL size		
	User ID		
	Terminal ID		
	Content ID		
	License ID		
	Action type		
	Use starting time		
	Pieces of time information		
	Time information		
1710	Starting time information 1		13970584
	Ending time information 1		
	...		
	Starting time information N		
	Ending time information N		
1709	Starting time information 1		13999999
	Ending time information 1		
	...		
	Starting time information N		
	Ending time information N		
1708	Starting time information 1		2003/1/1 10:00:00
	Ending time information 1		
	...		
	Starting time information N		
	Ending time information N		
1707	Starting time information 1		Play
	Ending time information 1		
	...		
	Starting time information N		
	Ending time information N		
1706	Starting time information 1		LICENSE-ID-223606
	Ending time information 1		
	...		
	Starting time information N		
	Ending time information N		
1705	Starting time information 1		CONTENT-ID-00001
	Ending time information 1		
	...		
	Starting time information N		
	Ending time information N		
1704	Starting time information 1		TERMINAL-ID-00001
	Ending time information 1		
	...		
	Starting time information N		
	Ending time information N		
1703	Starting time information 1		USER-ID-00001
	Ending time information 1		
	...		
	Starting time information N		
	Ending time information N		
1702	Starting time information 1		128
	Ending time information 1		
	...		
	Starting time information N		
	Ending time information N		
1701	Starting time information 1		39705843970
	Ending time information 1		
	...		
	Starting time information N		
	Ending time information N		

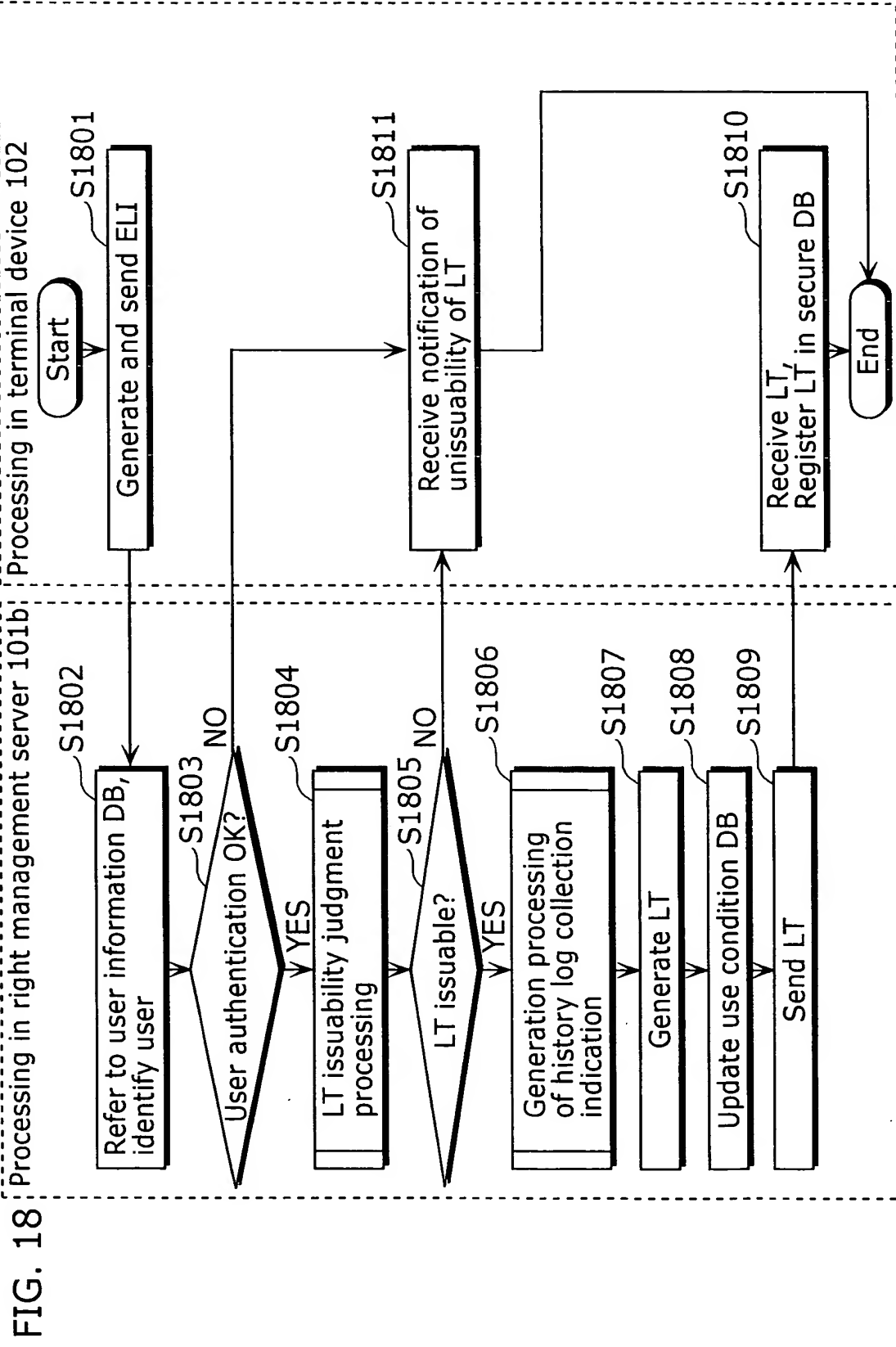


FIG. 19

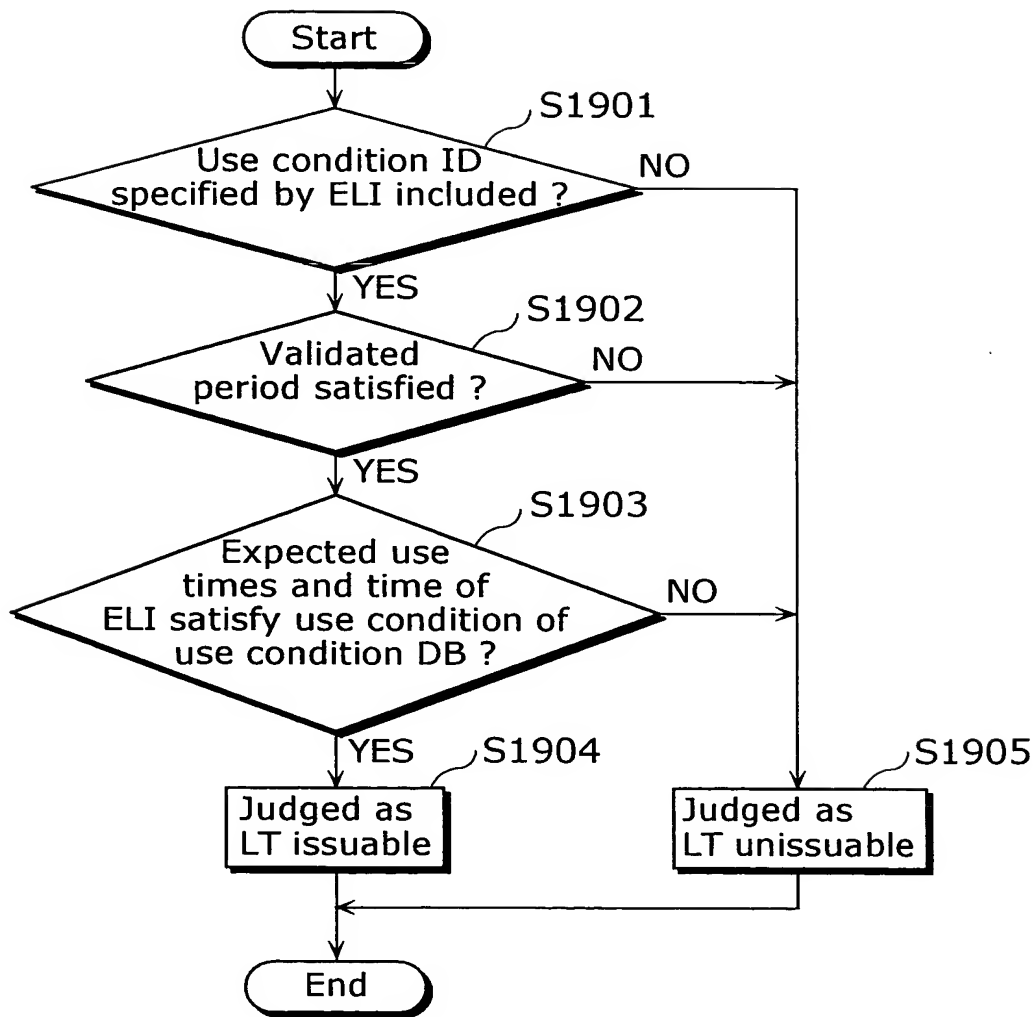


FIG. 20

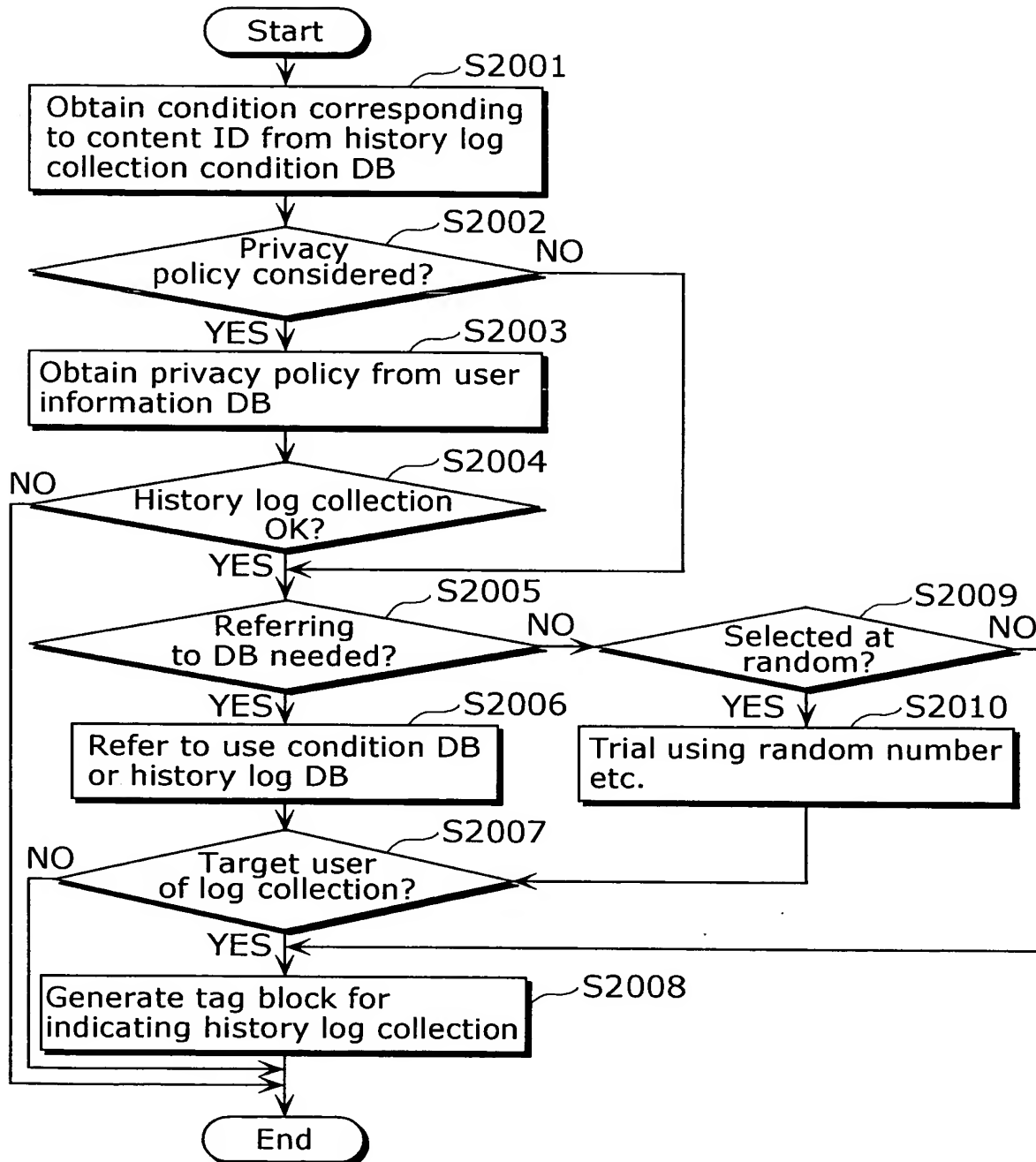


FIG. 21

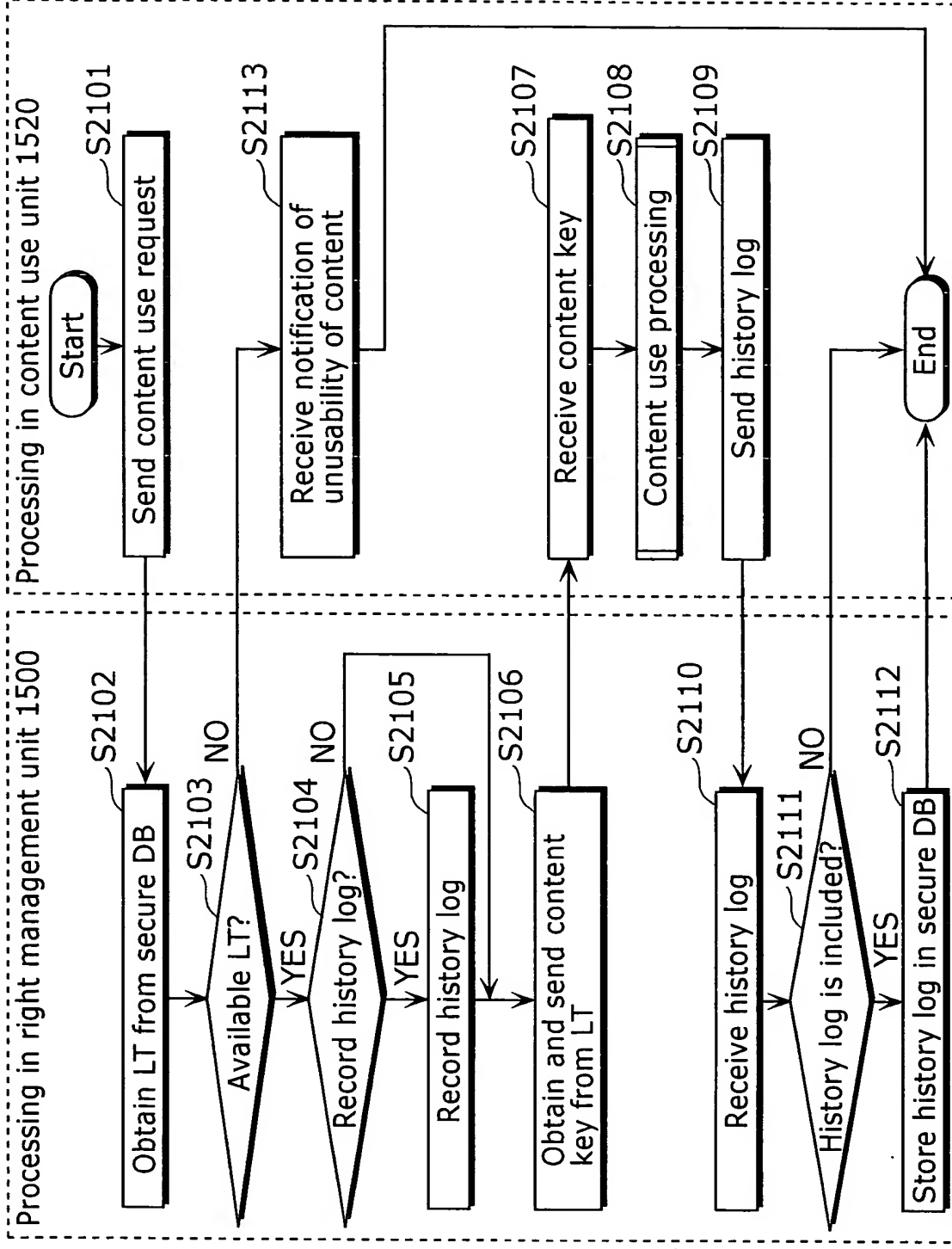


FIG. 22

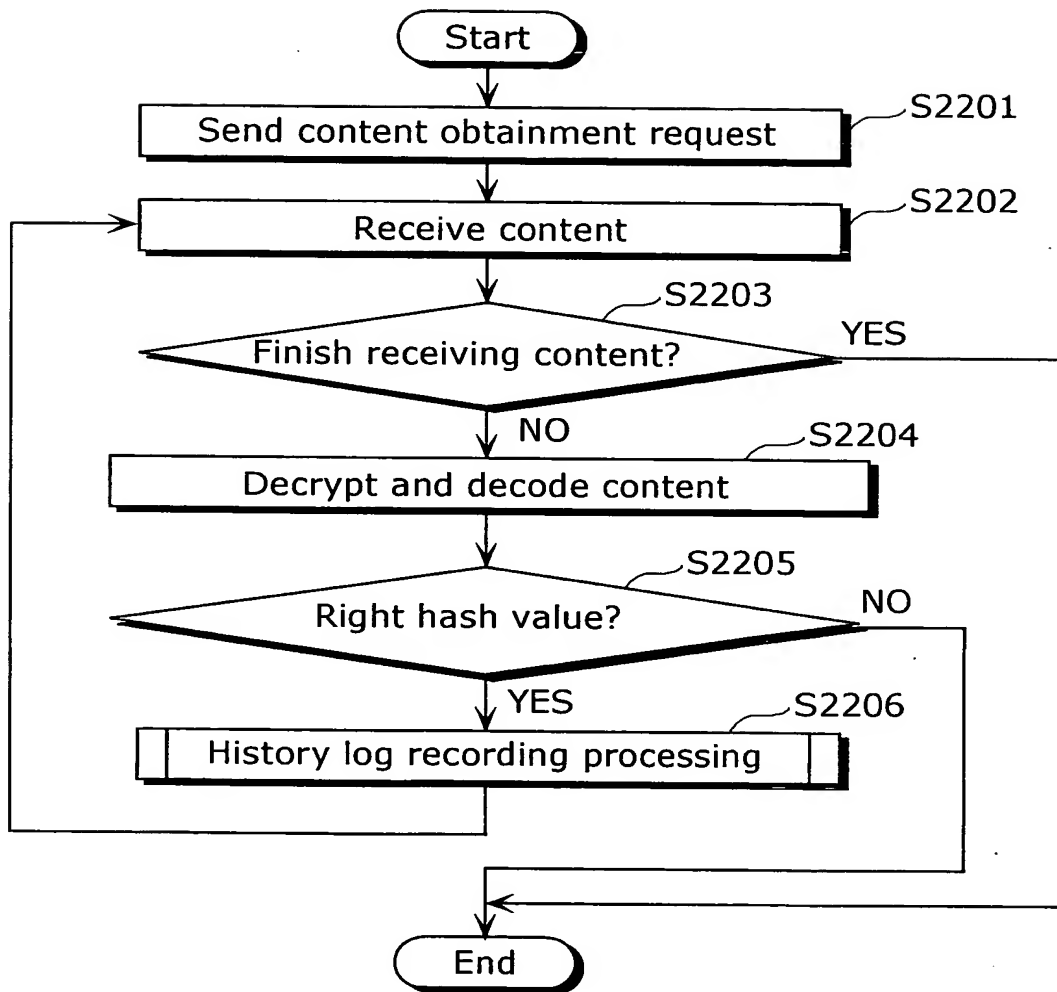


FIG. 23

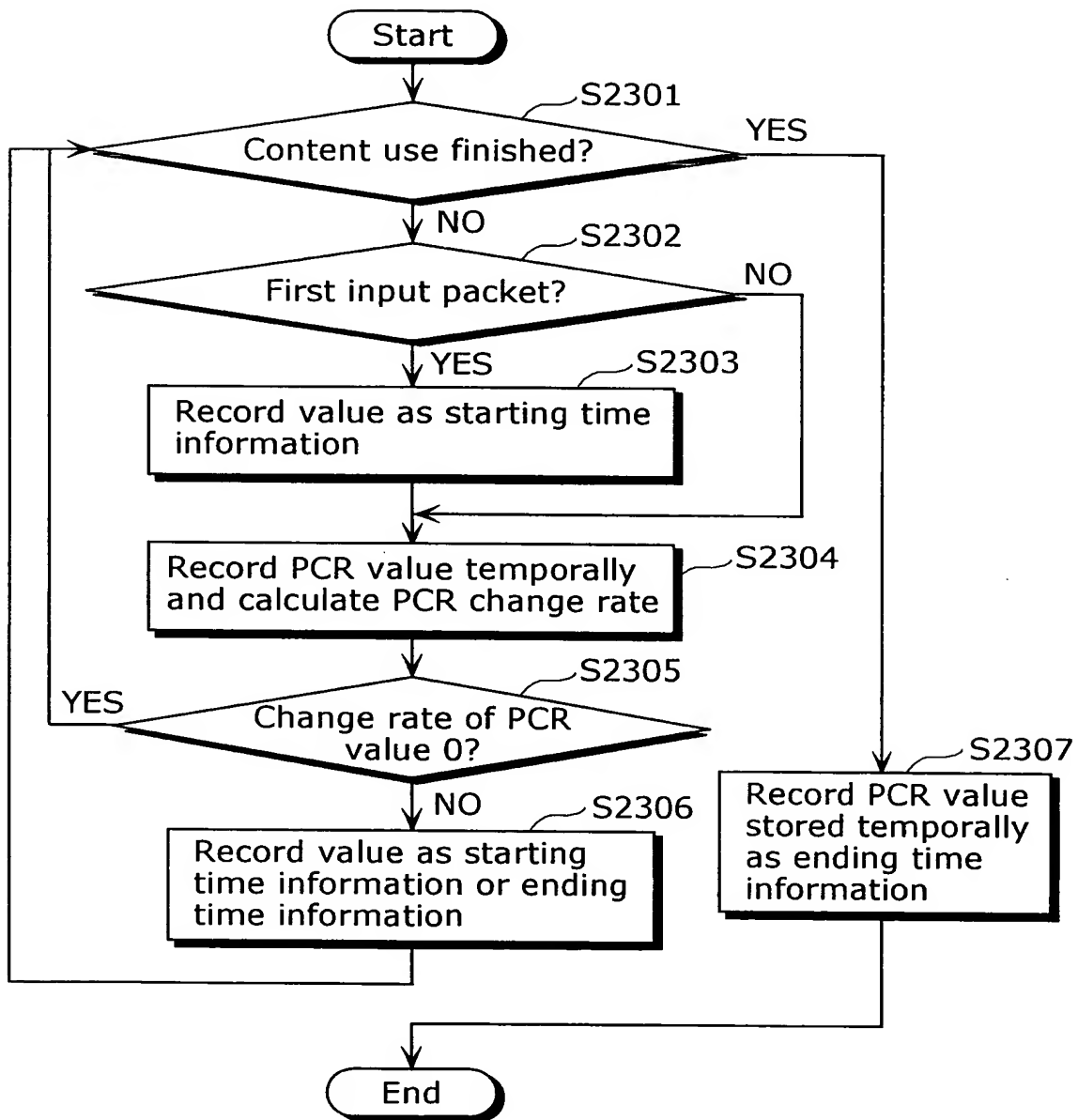
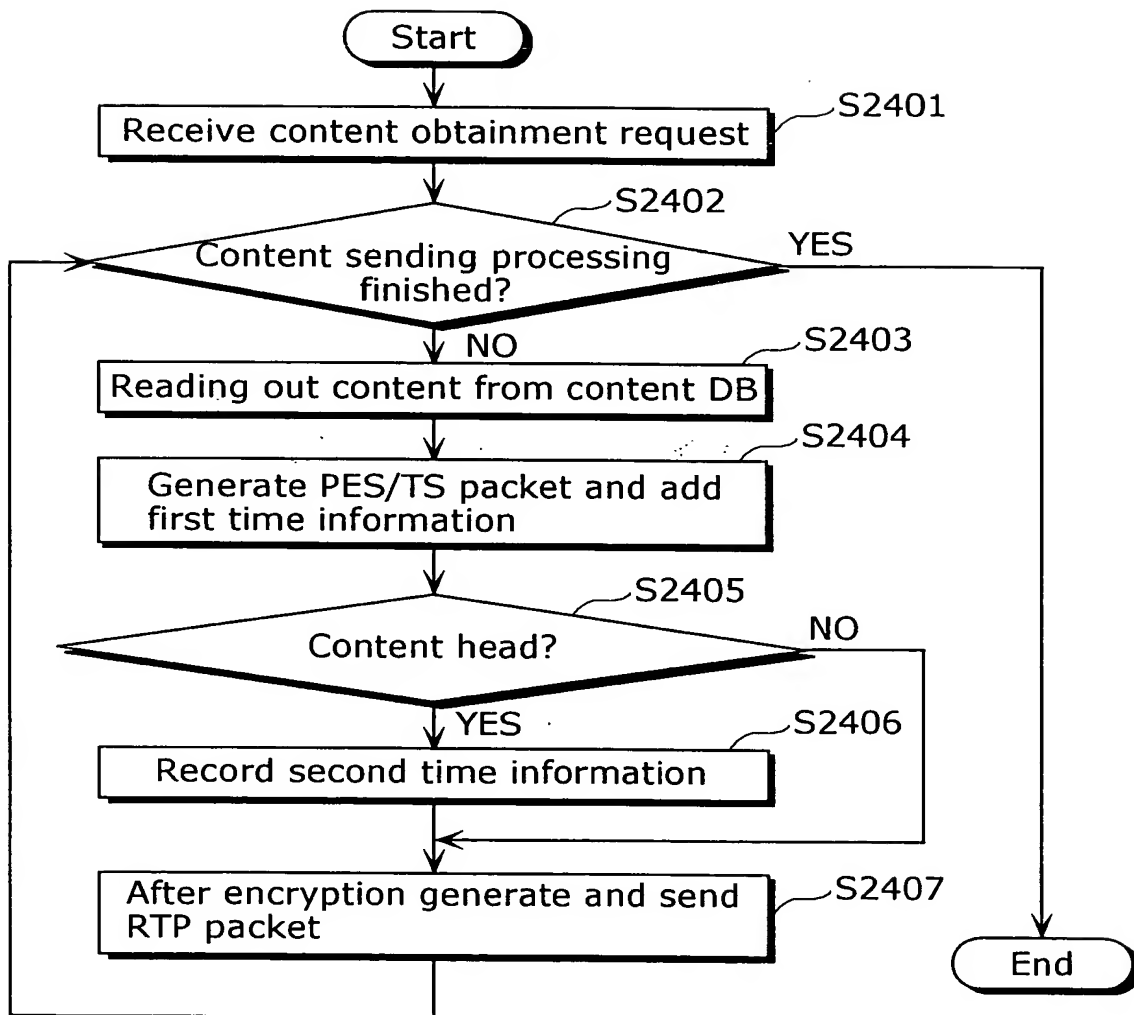


FIG. 24





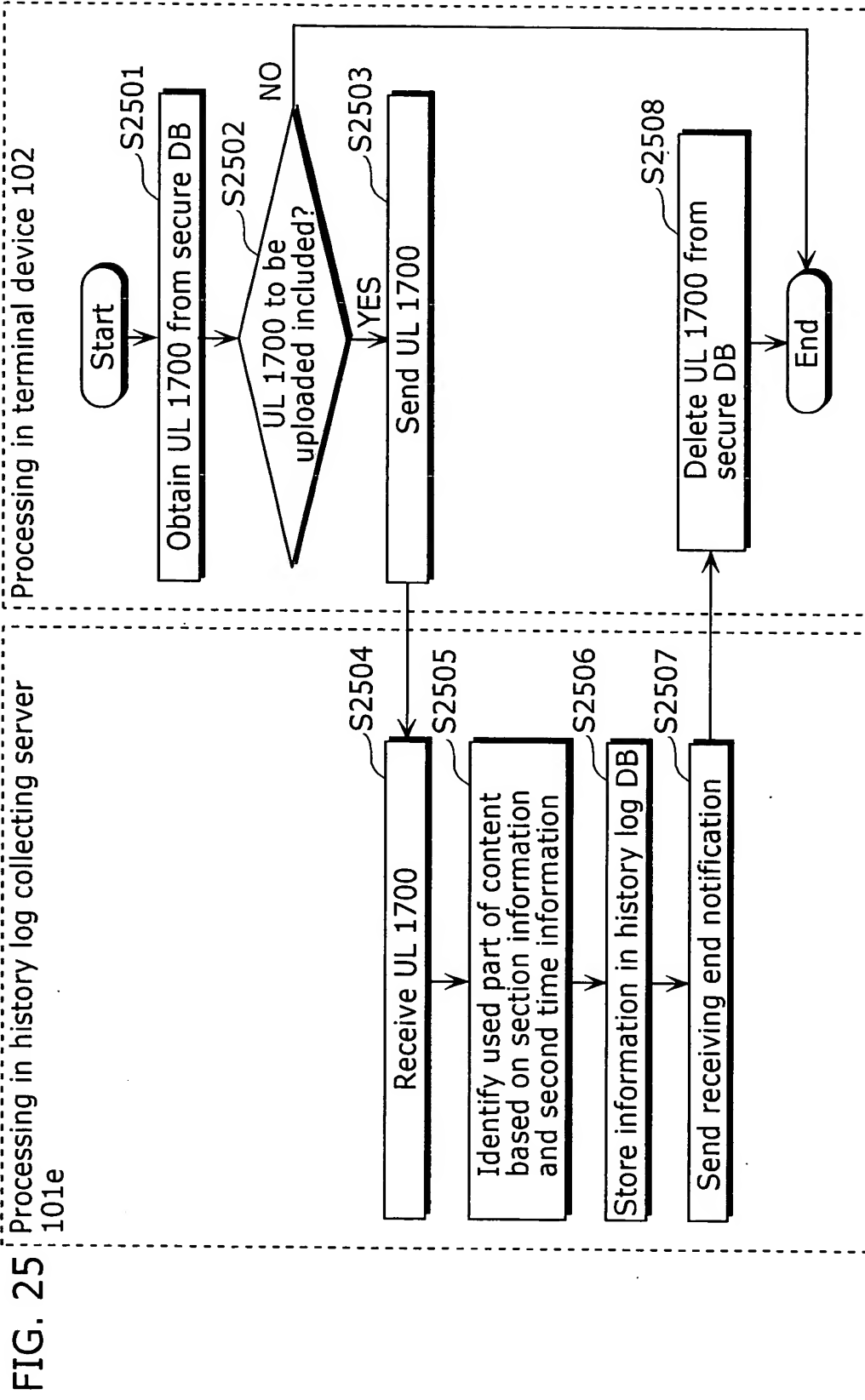


FIG. 26

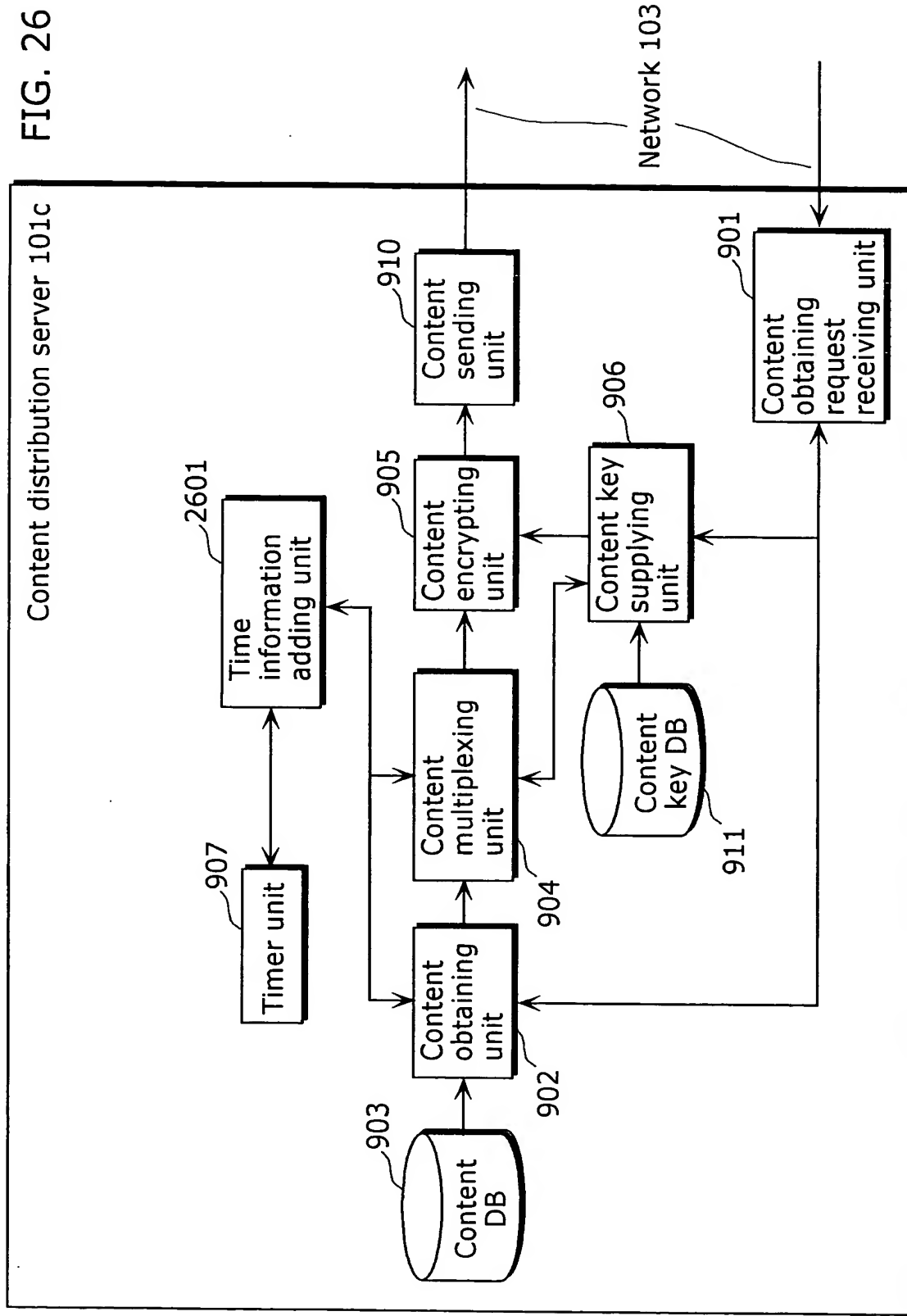


FIG. 27

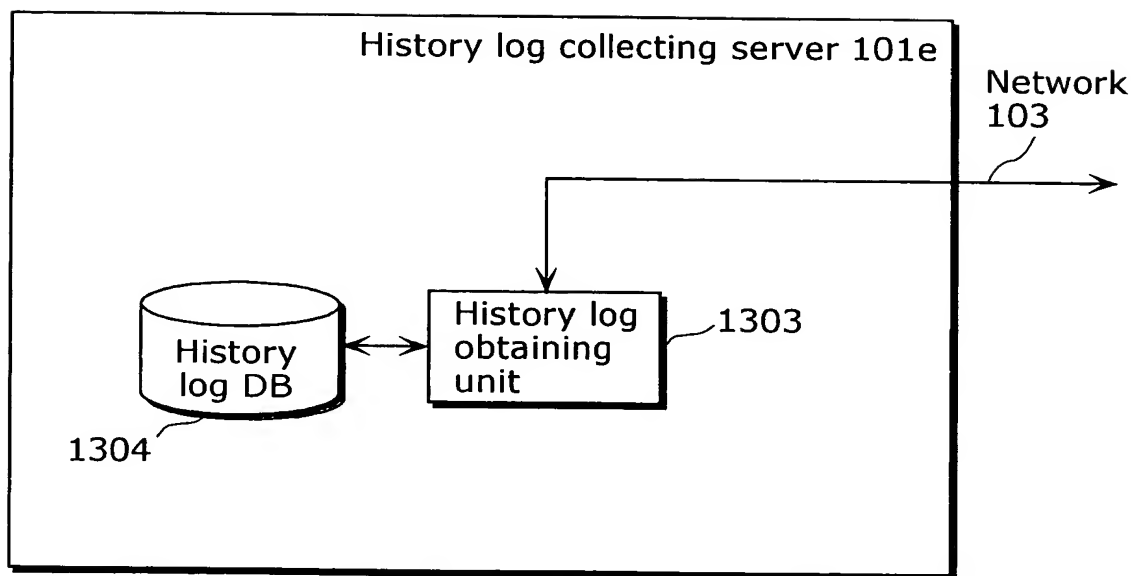


FIG. 28

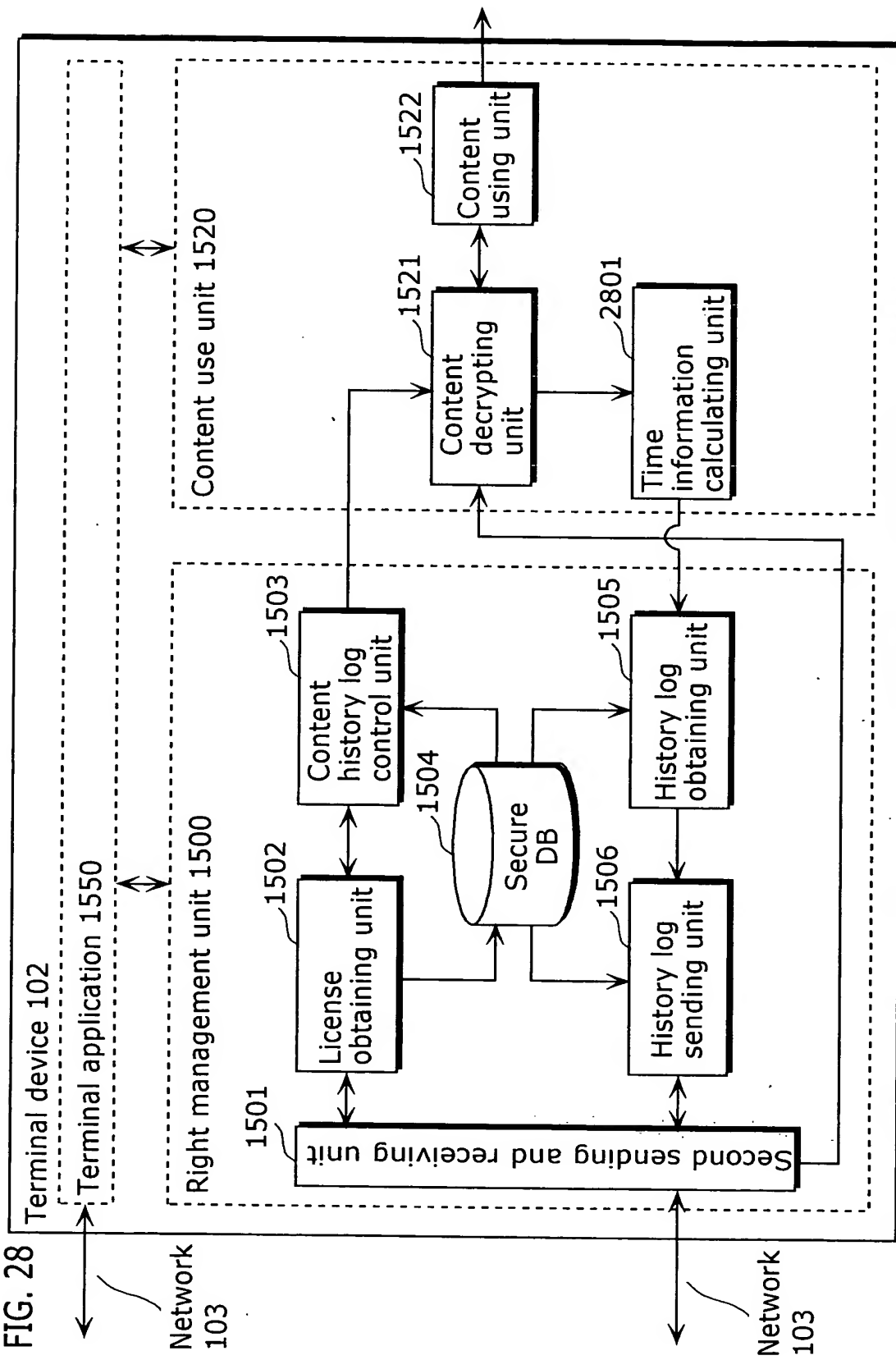


FIG. 29

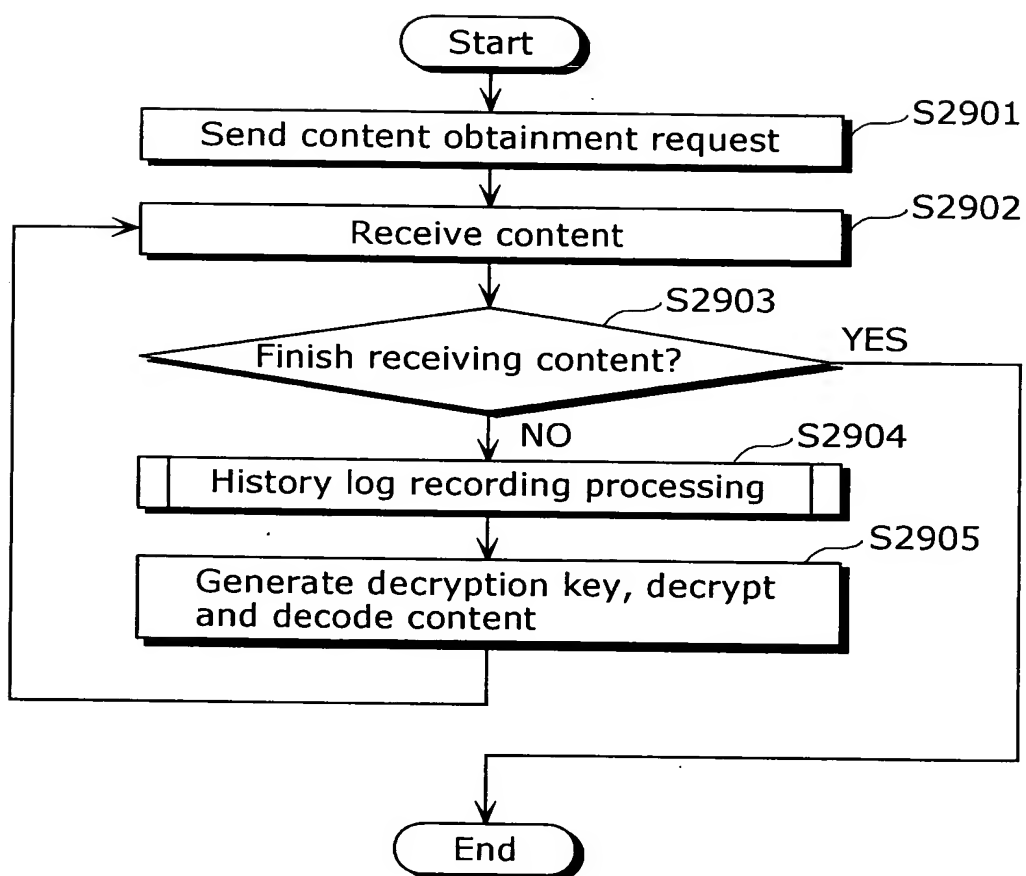


FIG. 30

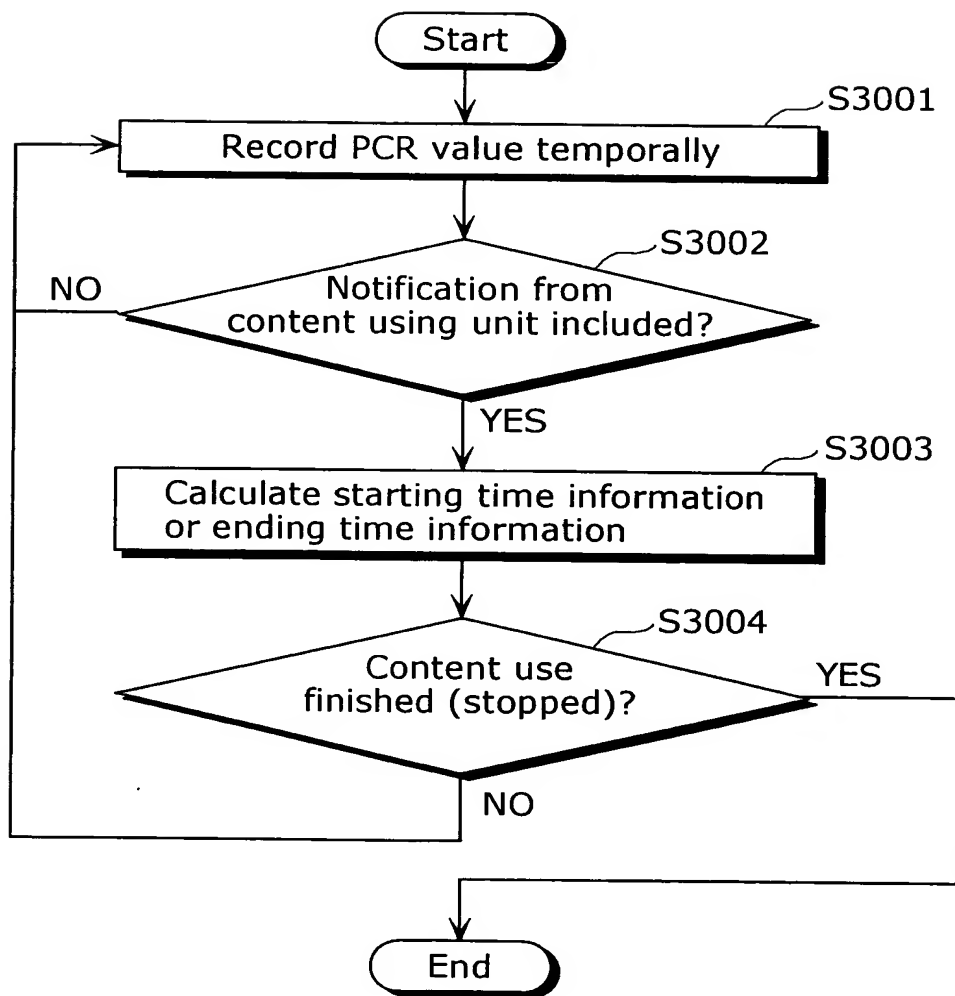


FIG. 31

